Total NMS Expenditures To Date

Expense

Expense	$916,155
Expense	$1,305,187

Capital

Capital	$2,732
Capital	$596,464

Total NMS Expenditures To Date = $2,820,538

Ongoing Maintenance Costs

	S&T Budget	DCSC Budget
Initial Dev Env Setup (Dev)	$70,100	
Oracle DB Server/SQL (Dev)	$2,000	
X.25/Editors/Gen GW (Dev)	$28,500	
Initial Test Env Setup (SysTest)	$55,400	
Oracle DB Server/SQL (SysTest)	$2,000	
Initial Production Env Setup (Prod)		$131,000
Oracle DB Server/SQL (Prod)		$1,000
ADSL Subnet Server Hardware Maint (Prod)		
ATM Subnet Server Hardware Maint (Prod)		$2,745
Interface Server Hardware Maint (Prod)		$2,745
NMS Server Hardware Maint (Prod)		$7,583
Total =	$158,000	$145,073

Total Ongoing Maintenance Cost = $308,563

S&T Due in = $100,600
S&T Due in = $158,000

IT Budget	Due	Vendor
		OSI
		Oracle
		OSI
		OSI
		Oracle
		OSI
		Oracle
$5,490		MTEC
		MTEC
		MTEC
		MTEC
$5,490		

1997 ADSL NMS Expenditures

Expense
Permanent Headcount

Development	Function	Position	Percent	Months	Exp To EOM
Ward Chewning	Mgt	Dir	0.5	4	$23,333
Ra-ed Kayyali	Dev	SMTS	1.0	4	$40,000
Fari Behi	Dev	SMTS	1.0	4	$40,000
Hanif Merali	Dev	SMTS	1.0	4	$40,000
Pat Sullivan	Env Spt	DMTS	0.2	4	$9,333
					$152,667

Development Total = $152,667
SE Total = $150,000
Permanent Headcount Total = $302,667

Contractor Headcount Expense

	Function	Company	Current Exp
OSI Consulting Expense (Oct)	Dev	OSI	$19,981
OSI Consulting Expense (Nov)	Dev	OSI	$60,894
OSI Consulting Expense (Dec)	Dev	OSI	$57,350
OSI Consulting Expense (Jan*)	Dev	OSI	$3,846
OSI Consulting Expense (Feb*)	Dev	OSI	$22,956
OSI Consulting Expense (March*)	Dev	OSI	$19,280
* Will be paid from budget			$184,307

Total = $184,307

Total Labor Expense = $486,974

Training Expense

	Vendor	Class	Invoice	Amount
In-House Training (8)	OSI	Basic Rules	200803	$30,000
Fari Behi	OSI	Basic VA	200803	$2,400
Hanif Merali	OSI	Basic VA	200803	$2,400
Ra-ed Kayyali	OSI	Basic VA	200803	$2,400
Philip Wu	OSI	Basic VA	200803	$2,400
				$39,600

Total Training Expense = $39,600

Software Expense

	Vendor	Date	Invoice	Amount	Annual Mtc	Mtc Renewal
Development Env						
Initial Dev Env Setup	OSI		200796	$215,856	$70,100	
-5 Gen GW					$3,500	
-2 Rule Editors					$20,000	
-1 SNMP GW					$800	
-IDEAS/VA Server					$22,000	
-4 Operator Wks					$8,000	
-1 Web Operator					$800	
-1 Shell PA					$3,000	
-1 Package Admin					$6,000	
-2 SLGMS Dev (Third Party)					$5,000	
-2 SLGMS Runtime (Third Party)					$1,000	
Oracle DB Server/SQL	Oracle			$5,000	$2,000	
X.25/Editors/Gen GW	OSI		200973	$152,475	$28,500	
-5 Gen GW					$3,500	
-2 Rule Editors					$20,000	
-X.25 PA					$5,000	
Cascade FS/PS	Cascade			$16,250		
				$389,581	$100,600	

Total = $389,581

<u>Test Env</u>

<u>Total</u> = $0

<u>Field Machine</u>

<u>Total</u> = $0

<u>Total Software Expense</u> = $389,581

<u>Total</u>   <u>ADSL NMS Expense To Date</u> = $916,155

Capital	Vendor	Date	Invoice	Amount	Annual Mtc	Mtc Renewal
Development Env						
2.1GB Hard Drives - Quantity 4	MTEC	,		$2,732		
				$2,732	$0	
<u>Total</u> = $2,732						

<u>Test Env</u>

<u>Total</u> = $0

<u>Field Machine</u>

<u>Total</u> = $0

<u>Total</u>   <u>ADSL NMS Capital To Date</u> = $2,732

<u>Total</u> .   <u>ADSL NMS Cost To Date</u> = $918,887

Position	Loaded Salary
Dir	$140,000
DMTS	140,000
MTS	110,000
SMTS	120,000

ADSL NMS Budget Vs. Actuals

Expense	Budget	Actuals	Difference
Permanent Headcount	$695,000	$199,500	$495,500
Contractor Headcount Expense	$424,000	$177,838	$246,163
Training Expense	$0	$2,100	($2,100)
Total	$1,119,000	$379,438	$739,563
Software Expense			
Development Env	$0	$5,754	($5,754)
Test Env	$245,000	$194,500	$50,500
Field Machine	$340,000	$455,495	($115,495)
Maintenance	$0	$0	$0
Total	$585,000	$655,749	($70,749)
Total _ _ _ DSL NMS Expense =	$1,704,000	$1,305,187	$398,813

Capital	Budget	Actuals	Difference
Development Env	$0	$0	$0
Test Env	$266,000	$278,206	($12,206)
Field Machine	$307,500	$318,258	($10,758)
Total _ ADSL NMS Capital =	$573,500	$596,464	($22,964)

	Budget	Actuals	Difference
Total _ _ _ Budget =	$2,277,500	$1,901,651	$375,849

ADSL NMS Expenditures

Expense
Permanent Headcount

	Function	Position	Percent	Month	Exp To EOM
Ward Chewning	Mgt	Dir	0.5	1	$17,500
Raed Kayyali	Dev	SMTS	1.0	1	$30,000
Fari Behi	Dev	SMTS	1.0	1	$30,000
Hanif Merali	Dev	SMTS	1.0	1	$30,000
Sandeep Chawla	Dev	SMTS	1.0	1	$30,000
Miri Iskac	Dev	MTS	1.0	1	$27,500
Ren-Wei Liou	Dev	MTS	1.0	1	$27,500
Pat Sullivan	Env Spt	DMTS	0.2	1	$7,000
					$199,500

Development Total = $199,500
SE Total (Through August)= $270,000
Permanent Headcount Total = $469,500

Contractor Headcount Expense

	Function	Company	Current Exp
Martin Cooper	Dev	Sigma	$67,475
Tom Georges	Dev	OSI	$66,056
Sailesh Patkar	Test	MSI	$21,906
Khos Sadeghi	Test	MSI	$22,400
			$177,838

Total = $177,838

Total Labor Expense = $647,338

Training Expense

	Vendor	Class	Date	Invoice	Amount
Sandeep Chawla	OSI	Basic Rules		601621	$2,100
					$2,100

Total Training Expense = $2,100

Software Expense

Development Env	Vendor	Date	Invoice	Amount	Annual Mtc	Mtc Renewal
SunLink X.25 Server (Nucleus, A	MTEC			$5,754		
From Initial Prod Env Setup (cost	OSI					6/30/99
-1 CORBA Access Gateway						
-1 IDEAS/VA Server						
				$5,754	$0	

Total = $5,754

Test Env	Vendor	Date	Invoice	Amount	Annual Mtc	Mtc Renewal
Initial System Test Env Setup	OSI			$189,500	$55,400	
-5 Gen GW					$3,500	
-1 Rule Editors					$10,000	
-1 SNMP GW					$800	
-1 IDEAS/VA Server					$22,000	
-4 Operator Xterm					$5,600	
-1 Shell PA					$3,000	
-2 X.25 PA (Re-Used 1 for Prod)					$10,000	
-1 SLGMS Runtime (Third Party)					$500	
Oracle DB Server/SQL	Oracle			$5,000	$2,000	
From Initial Prod Env Setup (cost	OSI					
-1 High Availability ProcMon						
				$194,500	$57,400	

Total = $194,500

Field Machine	Vendor	Date	Invoice	Amount	Annual Mtc	Mtc Renewal
Initial Prod Env Setup	OSI					
-17 Gen GW				$445,425	$131,000	
-1 Rule Editors					$11,900	
-1 SNMP GW					$10,000	
-2 IDEAS/VA Server (1 For Dev Env)					$800	
-2 High Availability ProcMon (1 For Sys Test Env)					$44,000	
-1 SNMP Assistant					$20,000	
-10 Operator Xterm					$800	
-1 Shell PA					$14,000	
-1 X.25 PA					$3,000	
-1 Corba Access Gateway (for Dev Env)					$5,000	
-1 Package Admin					$13,000	
-5 SLGMS Runtime (Third Party)					$6,000	
					$2,500	
Oracle DB Server/SQL	Oracle	. . . .		$5,000	$1,000	
SunLink X.25 Server (2 ADSL Su	MTEC			$5,070		
Total = **$455,495**				$455,495	$132,000	

Total Software Expense = **$655,749**

Total   ADSL NMS Expense To Date = **$1,305,187**

Capital

Development Env	Vendor	Date	Invoice	Amount	Annual Mtc	Mtc Renewal
Total = **$0**				$0	$0	

Test Env	Vendor	Date	Invoice	Amount	Annual Mtc	Mtc Renewal
ADSL Sub-Net Server (E450)	MTEC			$42,867		
-2 300Mhz CPUs						
-1 GB RAM						
-16 GB Disk						
-1 Power Supply						
-1 HIS Card						
ATM Sub-Net Server (E450)	MTEC			$33,652		
-1 300Mhz CPU						
-1 GB RAM						
-16 GB Disk						
-1 Power Supply						
Interface Gateway (E450)	MTEC			$36,717		
-1 300Mhz CPU						
-1 GB RAM						
-16 GB Disk						
-1 Power Supply						
-2 HIS Card						
NMS Server (E4000)	MTEC			$158,013		
-4 250Mhz CPUs						
-2 GB RAM						
-25 GB Disk						
-2 Power/Cooling Modules						
-1 Additional Fast Ethernet						
-1 8mm 20-40GB Tape Drive						
WYSE Terminal and Keyboard	MTEC		27728	$589		

Total   **ADSL NMS Cost To Date** = $1,901,650.70

Position	Loaded Salary
Dir	$140,000
DMTS	140,000
MTS	110,000
SMTS	120,000

Hour Sheet for Martin Cooper (Sigma Designs)

Summary

Total Charges = $67,475

Week Of	Rate	Hours	Charges
	70	40	$2,800
	70	40	$2,800
	70	40	$2,800
	70	40	$2,800
	70	40	$2,800
	70	40	$2,800
	70	36	$2,520
	70	40	$2,800
	70	39	$2,730
	70	40	$2,800
	70	40	$2,800
	70	40	$2,800
	70	40	$2,800
	70	0	$0
	70	40	$2,800
	70	42.5	$2,975
	70	37.5	$2,625
	75	51	$3,825
	75	26	$1,950
	75	42.5	$3,188
	75	31.5	$2,363
	75	39.5	$2,963
	75	35.5	$2,663
	75	42	$3,150
	75	39	$2,925

Total = $67,475

Hour Sheet for Shailesh Patkar (MSI)

Summary

Total Charges = $21,906

Week Of	Rate	Hours	Charges
	62.5	32	$2,000
	62.5	40	$2,500
	62.5	40	$2,500
	62.5	32	$2,000
	62.5	40	$2,500
	62.5	48	$3,000
	62.5	40	$2,500
	62.5	46.5	$2,906
	62.5	32	$2,000

Total = $21,906

Hour Sheet for Khos Sadeghi (MSI)

Summary

Total Charges = $22,400

Week Of	Rate	Hours	Charges
	70	40	$2,800
	70	40	$2,800
	70	32	$2,240
	70	40	$2,800
	70	48	$3,360
	70	40	$2,800
	70	48	$3,360
	70	32	$2,240

Total = $22,400

Hour Sheet for Tom Georges (OSI)

Summary

Total Charges = $66,056

Week Of	Rate	Hours	Charges
	162.5	39	$6,338
	162.5	36	$5,850
	162.5	0	$0
	162.5	36	$5,850
	162.5	36.5	$5,931
	162.5	37	$6,013
	162.5	39	$6,338
	162.5	34	$5,525
	162.5	44	$7,150
	162.5	39	$6,338
	162.5	30.5	$4,956
	162.5	35.5	$5,769

Total = $66,056